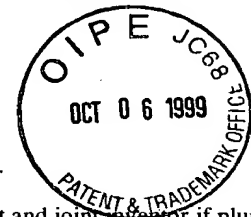


DECLARATION AND POWER OF ATTORNEY



As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. underneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

[Title of the Invention]

and for which a patent application: POLARIZER AND LIQUID CRYSTAL DISPLAY ELEMENT

is attached hereto and includes amendment(s) filed on _____ (if applicable)

was filed in the United States on _____ as Application Serial No. _____ (for declaration not accompanying application)

with amendment(s) filed on _____ (if applicable)

☒ was filed as PCT international application Serial No. PCT/RU98/00415 on 15.12.1998 and was amended under PCT Article 19
1 _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION

APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
97121028	Russia	16.12.1997	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
98101616	Russia	12.01.1998	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

P.T.O.

APPLICATION NUMBER	FILING DATE

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	FILING DATE	STATUS		
		PATENTED	PENDING	ABANDONED

POWER OF ATTORNEY: As a named inventor, I hereby appoint S. Leslie Misrock (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280), Berj A. Terzian (Reg. No. 20060), Gerald J. Flintoft (Reg. No. 20823), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 211), Stanton T. Lawrence, III (Reg. No. 25736), Isaac Jarkovsky (Reg. No. 22713), Joseph V. Colaanni (Reg. No. 20019), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), Nathan J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen Jarbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebe (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Jon R. Stark (Reg. No. 30111), Allan A. Fanucci (Reg. No. 30256), Geraldine F. Baldwin (Reg. No. 3132), Victor N. Balancia (Reg. No. 31231), Albert P. Halluin (Reg. No. 25227), Samuel B. Abrams (Reg. No. 30605), Steven I. Wallach (Reg. No. 35402), Patricia H. Sunde (Reg. No. 30893), Paul J. Zegger (Reg. No. 33821), Edmond R. Bannon (Reg. No. 32110), Bruce J. Barker (Reg. No. 33291), Adriane Antler (Reg. No. 32605), Ann L. Gisolfi (Reg. No. 31956), SaraLynn Mandel (Reg. No. 31853), Mark A. Farley (Reg. No. 33170), James G. Markey (Reg. No. 31636), and Charles F. Hoyng (Reg. No. 35548), all of Penny & Edmonds, whose addresses are 1155 Avenue of the Americas, New York, New York 10020, 36, 1667 K Street N.W., Washington, DC 20006 and 2730 Sand Hill Road, Menlo Park, CA 94025, and each of them, my attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.

SEND CORRESPONDENCE TO: PENNIE & EDMONDS 1667 K STREET, N.W. WASHINGTON, D.C. 20006				DIRECT TELEPHONE CALLS TO: PENNIE & EDMONDS DOCKETING (202) 496-4400	
2 0 1	FULL NAME OF INVENTOR	LAST NAME MIROSHIN	FIRST NAME Alexandr	MIDDLE NAME Alexandrovich	
	RESIDENCE & CITIZENSHIP	CITY Moscow	STATE OR FOREIGN COUNTRY Russia	COUNTRY OF CITIZENSHIP Russia	
	POST OFFICE ADDRESS	STREET ulitsa Petrozavodskaya, 17,	CITY Moscow korpus 2, kv. 152	STATE OR COUNTRY Russia	ZIP CODE
2 0 2	FULL NAME OF INVENTOR	LAST NAME BELYAEV	FIRST NAME Sergei	MIDDLE NAME Vasilievich	
	RESIDENCE & CITIZENSHIP	CITY Moskovskaya oblast, Dolgoprudny	STATE OR FOREIGN COUNTRY Russia	COUNTRY OF CITIZENSHIP Russia	
	POST OFFICE ADDRESS	STREET prospekt Patsaeva, 14, kv. 77	CITY Moskovskaya oblast, Dolgoprudny	STATE OR COUNTRY Russia	ZIP CODE
2 0 3	FULL NAME OF INVENTOR	LAST NAME KHAN	FIRST NAME Ir	MIDDLE NAME Gvon	
	RESIDENCE & CITIZENSHIP	CITY Moskovskaya oblast, Dolgoprudny	STATE OR FOREIGN COUNTRY Russia	COUNTRY OF CITIZENSHIP Russia	
	POST OFFICE ADDRESS	STREET prospekt Patsaeva, 14, kv. 26	CITY Moskovskaya oblast, Dolgoprudny	STATE OR COUNTRY Russia	ZIP CODE
2 0 4	FULL NAME OF INVENTOR	LAST NAME KARPOV	FIRST NAME Igor	MIDDLE NAME Nikolaevich	
	RESIDENCE & CITIZENSHIP	CITY Moscow	STATE OR FOREIGN COUNTRY Russia	COUNTRY OF CITIZENSHIP Russia	
	POST OFFICE ADDRESS	STREET Dmitrovsky proezd, 4, kv. 120	CITY Moscow	STATE OR COUNTRY Russia	ZIP CODE
2 0 5	FULL NAME OF INVENTOR	LAST NAME MALIMONENKO	FIRST NAME Nikolai	MIDDLE NAME Vladimirovich	
	RESIDENCE & CITIZENSHIP	CITY Moskovskaya oblast, Lobnya	STATE OR FOREIGN COUNTRY Russia	COUNTRY OF CITIZENSHIP Russia	
	POST OFFICE ADDRESS	STREET ulitsa Lenina, 6/3, kv. 18	CITY Moskovskaya oblast, Lobnya	STATE OR COUNTRY Russia	ZIP CODE
2 0 6	FULL NAME OF INVENTOR	LAST NAME SHISHKINA	FIRST NAME Elena	MIDDLE NAME Jurievna	
	RESIDENCE & CITIZENSHIP	CITY Moscow	STATE OR FOREIGN COUNTRY Russia	COUNTRY OF CITIZENSHIP Russia	
	POST OFFICE ADDRESS	STREET ulitsa Angarskaya, 57, korpus 2, kv. 94	CITY Moscow	STATE OR COUNTRY Russia	ZIP CODE

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203
DATE September 15, 1999	DATE September 15, 1999	DATE September 15, 1999
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
DATE September 15, 1999	DATE September 15, 1999	DATE September 15, 1999

SEND CORRESPONDENCE TO: PENNIE & EDMONDS
1667 K STREET, N.W.
WASHINGTON, D.C. 20006

DIRECT TELEPHONE CALLS TO:
PENNIE & EDMONDS DOCKETING
(202) 496-4400

2 0 7	FULL NAME OF INVENTOR	LAST NAME VOROZHTSOV	FIRST NAME Georgy	MIDDLE NAME Nikolaevich	
	RESIDENCE & CITIZENSHIP	CITY Moscow	STATE OR FOREIGN COUNTRY Russia	COUNTRY OF CITIZENSHIP Russia	
	POST OFFICE ADDRESS	STREET ulitsa Sadovo-Spasskaya, 21, kv. 268	CITY Moscow	STATE OR COUNTRY Russia	ZIP CODE
2 0 8	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	CITY	STATE OR COUNTRY	ZIP CODE
2 0 9	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	CITY	STATE OR COUNTRY	ZIP CODE
2 0 1	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	CITY	STATE OR COUNTRY	ZIP CODE
2 0 2	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	CITY	STATE OR COUNTRY	ZIP CODE
2 0 3	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	CITY	STATE OR COUNTRY	ZIP CODE

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 207	SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 205
DATE September 15, 1999	DATE	DATE
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 208	SIGNATURE OF INVENTOR 206
DATE	DATE	DATE

7

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: ☐ Application of:
☐ Patent of:

☐ Serial No.:
☐ Patent No.:
☐ Filed:
☐ Issued:

Group Art Unit:

Examiner:

For: POLARIZER AND LIQUID CRYSTAL
DISPLAY ELEMENT

Attorney Docket No.:

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS
[37 CFR 1.9(f) and 1.27(b)] - Independent Inventor

Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

As a below named inventor, I hereby declare that I qualify as an independent inventor as defined in 37 CFR 1.9(c) for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code, to the Patent and Trademark Office with regard to the invention entitled POLARIZER AND LIQUID CRYSTAL DISPLAY ELEMENT described in

☐ the specification filed herewith
☒ application serial no. filed
☐ patent no. issued

I have not assigned, granted, conveyed or licensed and am under no obligation under contract or law to assign, grant, convey or license, any rights in the invention to any person who could not be classified as an independent inventor under 37 CFR 1.9(c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern or organization to which I have assigned, granted, conveyed, or licensed or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

☐ no such person, concern, or organization
☒ persons, concerns or organizations listed below*

*NOTE: Separate verified statements are required from each named person, concern, or organization having rights to the invention averring to their status as small entities.
(37 CFR 1.27)

GOSUDARSTVENNY NAUCHNY TSENTR ROSSIISKOI FEDERATSII
FULL NAME "NIOPIK" (GNTS RF "NIOPIK")
ADDRESS Russian Federation, Moscow, ulitsa Bolshaya Sadovaya, 1,
korpus 4

☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☒ NONPROFIT ORGANIZATION

FULL NAME _____
ADDRESS _____

☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

FULL NAME _____
ADDRESS _____

☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

FULL NAME _____
ADDRESS _____

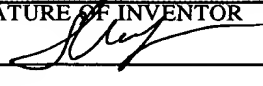
☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. [37 CFR 1.28 (b)]

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, and patent issuing thereon, or any patent to which this verified statement is directed.

Send correspondence to: PENNIE & EDMONDS
1155 Avenue of the Americas
New York, N.Y. 10036-2711

Direct Telephone calls to:
PENNIE & EDMONDS
(212) 790-9090

NAME OF INVENTOR MIROSHIN Alexandr Alexandrovich	NAME OF INVENTOR	NAME OF INVENTOR
SIGNATURE OF INVENTOR 	SIGNATURE OF INVENTOR	SIGNATURE OF INVENTOR
DATE September 15, 1999	DATE	DATE

NAME OF INVENTOR	NAME OF INVENTOR	NAME OF INVENTOR
SIGNATURE OF INVENTOR	SIGNATURE OF INVENTOR	SIGNATURE OF INVENTOR
DATE	DATE	DATE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: ☐ Application of:
☐ Patent of:

☐ Serial No.:
☐ Patent No.:

Group Art Unit:

☐ Filed:
☐ Issued:

Examiner:

For: POLARIZER AND LIQUID CRYSTAL DISPLAY ELEMENT Attorney Docket No.:
VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS
[37 CFR 1.9(f) and 1.27(d)] - Nonprofit Organization

Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

I hereby declare that I am an official empowered to act on behalf of the nonprofit organization identified below:

Name of organization GOSUDARSTVENNY NAUCHNY TSENTR ROSSIISKOI FEDERATSII "NIOPIK" (GNTS RF "NIOPIK")

Address of organization Russian Federation, Moscow, ulitsa Bolshaya Sadovaya, 1, korpus 4

Type of organization

- ☐ University or other institution of higher education
☐ Tax exempt under Internal Revenue Service Code (26 USC 501(a) and 501(c)(3))
☐ Nonprofit scientific or educational under statute of state of the United States of America

(Name of state _____)

(Citation of statute _____)

- ☐ Would qualify as tax exempt under Internal Revenue Service Code (26 USC 501(a) and 501(c)(3)) if located in the United States of America.
☐ Would qualify as nonprofit scientific or educational under statute of state of the United States of America if located in the United States of America

(Name of state _____)

(Citation of statute _____)

I hereby declare that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 CFR 1.9(e) for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code with regard to the invention entitled POLARIZER AND LIQUID CRYSTAL DISPLAY ELEMENT

by inventor(s) MIROSHIN Alexandr Alexandrovich, BELYAEV Sergei Vasilievich,
described in _____ P.T.O.

☐ the specification filed herewith

☒ application serial no.

☐ patent no.

issued

filed

I hereby declare that rights under contract or law have been conveyed to and remain with the nonprofit organization identified above and/or there is an obligation under contract or law by the inventor(s) to convey rights to the nonprofit organization identified above with regard to the invention.

If the rights held by the nonprofit organization are not exclusive, each individual, concern or organization having rights to the invention is listed below* and no rights to the invention are held by any person, other than the inventor, who could not qualify as an independent inventor under 37 CFR 1.9(c) or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

FULL NAME MIROSHIN Alexandr Alexandrovich
ADDRESS Russian Federation, Moscow, ulitsa Petrozavodskaya,
17, korpus 2, kv. 152

☒ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT
ORGANIZATION

FULL NAME _____
ADDRESS _____

☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT
ORGANIZATION

FULL NAME _____
ADDRESS _____

☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT
ORGANIZATION

FULL NAME _____
ADDRESS _____

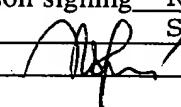
☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT
ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. [37 CFR 1.28 (b)]

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, and patent issuing thereon, or any patent to which this verified statement is directed.

Send correspondence to: PENNIE & EDMONDS Direct Telephone calls to:
1155 Avenue of the Americas PENNIE & EDMONDS
New York, N.Y. 10036-2711 (212) 790-9090

Name of person signing VOROZHTSOV Georgy Nikolaevich
Title of person other than owner Director
Address of person signing Russian Federation, Moscow, ulitsa
Sadovo-Spasskaya, 21, kv. 268

Signature  Date September 15, 1999

*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities.
(37 CFR 1.27)